

# Hybrid Heat™ System



Turn to the Experts.™



The Best Combination of Comfort and Savings from Two Fuel Sources

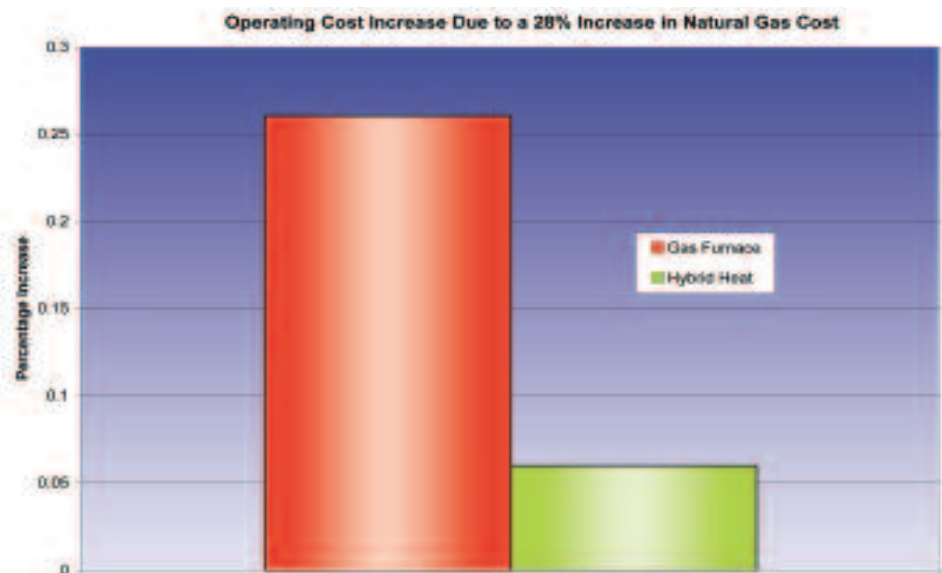
# Carrier Gives You Control Over Unpredictable Fuel Costs

## Efficiency

With today's rising uncertainty surrounding utility costs, homeowners nationwide are becoming more and more interested in finding the best, most economical solution for indoor heating and cooling. Carrier specializes in creating customized **HYBRIDHEAT** home comfort systems tailored to your needs with a broad selection of residential heating and cooling products. Your Carrier dealer can help you choose the best system for your home, including a Hybrid Heat™ system designed to deliver maximum comfort and economy.

## Performance

Hybrid Heat systems deliver exceptional performance by using a heating source that provides its most energy-efficient comfort during moderate heating conditions. As the temperature drops outside, the system automatically switches to your second heating source when that becomes the most economical way to keep your family comfortable.



A 28% increase in the cost of natural gas results in only a 6% increase in cost to heat a home with a Hybrid Heat system. This example represents a home in Pittsburgh, PA. Ask your dealer for an estimate on how much you can save in your area.

## Comfort

### Heating

- Carrier's ultimate Hybrid Heat system includes an Infinity™ 96 gas furnace with our Infinity™ 19 heat pump to provide soothing, superior comfort during both heat pump and furnace operation. This powerful combination can deliver heated air temperatures that are warmer than most traditional heat pumps so air from your vents feels warmer to the touch.

### Cooling

- Because a Carrier Hybrid Heat system also provides cool, indoor comfort when it's hot outside, this system becomes your total, year-round indoor comfort solution. And with the recent increase in the SEER rating (SEER = Seasonal Energy Efficiency Ratio) of air conditioners and heat pumps, a Hybrid Heat system could also save you money during the cooling season.

# Carrier Systems for Unmatched Performance

**Humidifier** replenishes moisture to dry air.

**Evaporator Coil** allows the refrigerant to absorb heat from the air as it passes over the coil surface. The evaporator coil is located with the indoor unit and is also referred to as the indoor coil.

**Gas Furnace** provides reliable, high efficiency heating for long-lasting comfort and energy savings.

**Air Cleaner** improves air quality by removing harmful and irritating air-borne pollutants from your home.

**Ultraviolet Germicidal Lamp** reduces the amount of pollutants, such as mold, bacteria, fungi and viruses, leaving your home with cleaner, fresher indoor air.

**Comfort Ventilator** combines fresh outdoor air with conditioned indoor air for improved air quality and maximum efficiency – great for today's tightly constructed home.

**Comfort Zoning** sets different temperatures for up to eight different areas of your home for truly customized comfort and enhanced utility savings.

**Heat Pump** provides reliable, ultra high efficiency heating and cooling for long-lasting comfort and energy savings.

**Infinity™ Control** is more than just a thermostat. It's your interface to the Infinity™ System, the only system in the industry that allows you to control temperature, humidity, air quality, fan speed and ventilation.

## Technology

In addition to its two heating sources, a Carrier Hybrid Heat™ system also requires a wall-mounted control that ties the system components together. The control takes the place of a standard thermostat and is designed to automatically select the correct heating source. Just select your desired comfort settings, walk away, and let the system do the rest. Carrier offers three distinct control choices, each offering a different level of system control:

- **Infinity™ Control** - Provides unmatched ease of use with ultimate control over temperature, humidity, dehumidification, and more, as well as seven-day programmability, accessory monitoring and maintenance and service reminders.



**Infinity™ Control**

- **Thermidistat™ Control** - Offers seven-day programmability with enhanced comfort through both temperature and humidity control.



**Thermidistat™ Control**

- **Hybrid Heat Control** - Standard thermostat functions with the convenience of seven-day programmability.

## Control

No matter which control best fits your needs, you can count on automatic control of your Hybrid Heat system. Your dealer will select a "balance point" that tells your control when it's best to select electric heat and when it's time to switch to furnace operation. As utility rates in your area change, this balance point can be easily adjusted by your installing dealer. To get the best efficiency from your system, we recommend taking advantage of the seven-day programmability to select a comfort schedule custom-fit to your lifestyle.



## Turn to the Experts

Willis Carrier invented air conditioning in 1902. Over 100 years later, we're proud to say Carrier systems are trusted in more homes than any other brand.

Carrier continues to be on the forefront of innovative engineering and unsurpassed standards of excellence. So when choosing a home comfort system, you'll want to turn to the experts. Your Carrier dealer will evaluate your home, such as window placement and size, ductwork, other structural specifics and lifestyle to provide a customized indoor comfort plan designed specifically for you. And when you have an expert helping you make an educated decision, you're going to feel more comfortable.



Turn to the Experts.<sup>SM</sup>

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